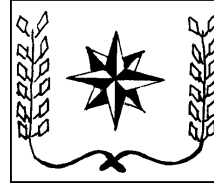


MAPPING
INTEREST BADGE


Date Passed

Signed

1. Have passed the Map Reading Scoutcraft Badge, or complete all the requirements for it. Be prepared to be examined on any requirement of the Scoutcraft Badge, with a higher level of skill expected. _____ 1
2. Explain the relationship between different map scales, the importance of selecting the correct map for the task and of using the latest information available. Explain the system of numbering maps and how to obtain maps. _____ 2
3. Demonstrate your knowledge of contours by carrying out an exercise set by the examiner to determine intervisibility and the gradient of slopes. Draw a rough profile between two points on a map selected by the examiner. _____ 3
4. Make a map to scale 1:500, using an improvised plane table, of a fairly open Area of land about 4 hectares (40 000 sq m) in extent specified by the examiner. The Area should be of such complexity that a baseline with at least four legs would be required and approximately 100 sightings (total of sightings from all stations) and approximately 50 other measurements must be taken. In rural Areas, the examiner will specify the amount of detail required to provide a test of equivalent difficulty. Rough maps and field sheets must be produced for inspection by the examiner. _____ 4
5. Make a strip map to scale 1:2000 of a minimum of a one kilometre section of road specified by the examiner. Show all the main features which are visible for a reasonable distance on each side of the road. Field records must be kept in a systematic manner and field sheets or field books must be produced for inspection. _____ 5
6. Demonstrate an understanding of lines of latitude and longitude, and the grid reference system based on zero X at the equator and zero Y at a line of longitude used by land surveyors in South Africa (as shown on maps of the 1:50 000 and 1:10 000 series). Determine the grid references for given points on a map, and find the correct points for given grid references. _____ 6